

IV. REMARKS

Claims 1-16 have been cancelled, and new claims 17-51 added. The new claims do not have the objectionable misspelled language present. In the claims, by "arcuate area" is meant a whole circle, a part of a circle (a sector of a circle) and an arc or arcuate area.

The abstract has been corrected.

Shadow Gestures relates to a system that uses a camera and a point light source to track user's hand in three dimensions (see the Abstract). The system recognizes three natural gestures and tracks two fingers in three dimensions (p. 479, end of left col.). Specific finger gestures that are recognized are used for controlling applications that require multi-dimensional control (p. 484, end of left col.). Different gestures recognized by the system are presented for example in Figures 3 and 8.

Claim 17 reads:

"...determining the positions corresponding to each alternative in the space surrounding the user...

recognizing a second movement ... in the position corresponding to the alternative the user desires

in response to the second movement, recognizing the selection the user desires..."

That is, in claim 17 a specific position determines an alternative and a second movement in that specific position triggers selection of the respective alternative.

Shadow Gestures relates to multi-dimensional control and does not even mention different positions corresponding to different alternatives. Instead, in Shadow Gestures different finger gestures correspond to different control commands. That is, in Shadow Gestures it is the gesture that is relevant, not the position. Furthermore, Shadow Gestures does not even refer to the space surrounding the user.

Shadow Gestures does not teach recognizing user's selection on the basis of a second movement or that a second movement is done in the position corresponding to the desired alternative. Instead, Shadow Gestures recognizes control commands on the basis of finger gestures, and no sequence of movements, wherein the second movement is done in the position corresponding to the desired alternative, is taught.

Furthermore, the method of claim 17 and Shadow Gestures differ in that the method of claim 17 allows the use of rough hand and arm movements in making a selection instead of fine motor coordination. No gestures with fingers are needed as described in Shadow Gestures. The system presented in Shadow Gestures does not allow the use of such rough movements.

Claims 24 and 45 have similar limitations in structure form.

Thus claims 17-31, 33-45, and 47-51 define over Shadow Gestures. Further since the above features are not suggested by this reference, these claims are unobvious over it.

Similarly, Kuman fails to disclose the above features. Thus combining it with Shadow Gestures does not result in the claimed invention. Thus claims 32 and 46 are unobvious under 35 USC 103 on this reference combination.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$306 is enclosed for additional claim fees. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

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